

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/02519

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D06Q1/04 B32B15/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D06Q D06N D04D D06H D06C D06B B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 304 351 A (LECOMTE ALBERT) 22 February 1989 (1989-02-22) the whole document	1, 4-18, 20-23, 25, 29-31, 34-44, 46
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09, 31 July 1998 (1998-07-31) & JP 10 102387 A (DEMACHI MUTSUOKO), 21 April 1998 (1998-04-21) abstract	1-46
A	-& JP 10 102387 A (DEMACHI MUTSUOKO) 21 April 1998 (1998-04-21) the whole document	1-46
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the International search

22 October 2003

Date of mailing of the International search report

31/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Barathe, R.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/02519

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 825 117 A (WADE PERFECT JOHN RICHARD ET AL) 4 March 1958 (1958-03-04) the whole document	1
A	US 5 656 355 A (COHEN BERNARD) 12 August 1997 (1997-08-12) the whole document	1
A	DE 33 41 028 A (SANDLER HELMUT HELSA WERKE) 30 May 1985 (1985-05-30) the whole document	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/02519

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0304351	A	22-02-1989	FR 2618462 A1 EP 0304351 A1	27-01-1989 22-02-1989
JP 10102387	A	21-04-1998	JP 3041247 B2	15-05-2000
US 2825117	A	04-03-1958	GB 752191 A DE 1114770 B FR 1085955 A GB 752192 A	04-07-1956 12-10-1961 04-07-1956
US 5656355	A	12-08-1997	CA 2178539 A1 AU 3408593 A CA 2073824 A1 EP 0560380 A1 EP 0560384 A1 JP 3251694 B2 JP 6039960 A KR 275423 B1 MX 9301318 A1 ZA 9300709 A	08-12-1996 16-09-1993 13-09-1993 15-09-1993 15-09-1993 28-01-2002 15-02-1994 15-12-2000 01-08-1993 06-09-1993
DE 3341028	A	30-05-1985	DE 3341028 A1	30-05-1985